

SAE 100R1AT Hydraulic Hose



Single wire braid hydraulic hose on easy-to-handle reels

- T835AA - Single wire braid
- Meets or exceeds SAE 100 R1AT - EN 853 1SN

Construction :

- **Tube** - Seamless synthetic rubber, black.. oil-resistant.
- **Reinforcement** - High tensile steel wire braid.
- **Cover** - Synthetic rubber, black... weather, oil, fuel, ozone and abrasion-resistant.
- **Couplings** - Standard fittings and AlfaCrimp.
- **Branding** - ALFAGOMMA FLEXOR 1SN ID ..WP ..MPa (..PSI) - SAE 100 R1AT - EN 853 1SN ...Q/YR DN ..

Temperature Range : -40° F (-40° C) to 212° F (100° C) constant operation.

- **Maximum Operating Temperature :** 257° F (125° C).
- **Air Maximum Temperature :** 160° F (70° C).
- Operating temperatures in excess of 212° F (100° C) may materially reduce the life of the hose.
- 3/16" through 1" ID hoses supplied on reels.

Freight : Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Item #	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T835AA-03	3/16 in 4.8 mm	0.46 in 11.8 mm	3630 psi	3.5 in 90 mm	-40 to 212 °F -40 to 100 °C
T835AA-04	1/4 in 6.4 mm	0.52 in 13.4 mm	3270 psi	4 in 100 mm	-40 to 212 °F -40 to 100 °C
T835AA-05	5/16 in 7.9 mm	0.59 in 15 mm	3120 psi	4.5 in 115 mm	-40 to 212 °F -40 to 100 °C
T835AA-06	3/8 in 9.5 mm	0.68 in 17.4 mm	2610 psi	5 in 130 mm	-40 to 212 °F -40 to 100 °C
T835AA-08	1/2 in 12.7 mm	0.81 in 20.6 mm	2320 psi	7 in 180 mm	-40 to 212 °F -40 to 100 °C
T835AA-10	5/8 in 15.9 mm	0.93 in 23.7 mm	1890 psi	8 in 200 mm	-40 to 212 °F -40 to 100 °C
T835AA-12	3/4 in 19.0 mm	1.09 in 27.7 mm	1530 psi	9.5 in 240 mm	-40 to 212 °F -40 to 100 °C
T835AA-16	1 in 25.4 mm	1.40 in 35.6 mm	1280 psi	12 in 300 mm	-40 to 212 °F -40 to 100 °C
T835AA-20	1 1/4 in 31.8 mm	1.71 in 43.5 mm	920 psi	16.5 in 420 mm	-40 to 212 °F -40 to 100 °C
T835AA-24	1 1/2 in 38.1 mm	1.99 in 50.6 mm	730 psi	20 in 500 mm	-40 to 212 °F -40 to 100 °C
T835AA-32	2 in 50.8 mm	2.52 in 64.0 mm	580 psi	25 in 630 mm	-40 to 212 °F -40 to 100 °C
T835AA-40	2 1/2 in 63.5 mm	3.11 in 79 mm	720 psi	30 in 760 mm	-40 to 212 °F -40 to 100 °C
T835AA-48	3 in 76.2 mm	3.62 in 92 mm	500 psi	35 in 900 mm	-40 to 212 °F -40 to 100 °C

SAE 100R2AT Hydraulic Hose



Double wire braid hydraulic hose on easy-to-handle reels

Construction :

- **Tube** - Seamless synthetic rubber, black... oil resistant.
- **Reinforcement** - High tensile steel wire braid.
- **Cover** - Synthetic rubber, black... weather, oil, fuel, ozone and abrasion-resistant.
- **Couplings** - Standard fittings and AlfaCrimp.
- **Branding** - ALFAGOMMA FLEXOR 2SN ID .. WP.. MPa (... PSI) ... SAE 100R2AT - EN 853 2SN DN ... Q/YR

Temperature Range : -40° F (-40° C) to 212° F (100° C) constant operation.

- **Maximum Operating Temperature :** 257° F (125° C).
- **Air Maximum Temperature :** 160° F (70° C).
- Operating temperatures in excess of 212° F (100° C) may materially reduce the life of the hose.
- 3/16" through 1" ID hoses supplied on reels.

Freight : Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Item #	I.D.	O.D.	Working Pressure	Min. Bend Radius	Temperature Range
T846AA-03	3/16 in 4.8 mm	0.52 in 13.4 mm	6000 psi	3.5 in 90 mm	-40 to 212 °F -40 to 100 °C
T846AA-04	1/4 in 6.4 mm	0.59 in 15 mm	5800 psi	4 in 100 mm	-40 to 212 °F -40 to 100 °C
T846AA-05	5/16 in 7.9 mm	0.65 in 16.7 mm	5000 psi	4.5 in 115 mm	-40 to 212 °F -40 to 100 °C
T846AA-06	3/8 in 9.5 mm	3/4 in 19.1 mm	4800 psi	5 in 125 mm	-40 to 212 °F -40 to 100 °C
T846AA-08	1/2 in 12.7 mm	0.87 in 22.2 mm	4000 psi	7 in 175 mm	-40 to 212 °F -40 to 100 °C
T846AA-10	5/8 in 15.9 mm	1 in 25.4 mm	3630 psi	8 in 200 mm	-40 to 212 °F -40 to 100 °C
T846AA-12	3/4 in 19.0 mm	1.15 in 29.3 mm	3120 psi	9.5 in 240 mm	-40 to 212 °F -40 to 100 °C
T846AA-16	1 in 25.4 mm	1 1/2 in 38.1 mm	2400 psi	12 in 300 mm	-40 to 212 °F -40 to 100 °C
T846AA-20	1 1/4 in 31.8 mm	1.90 in 48.3 mm	1820 psi	16.5 in 420 mm	-40 to 212 °F -40 to 100 °C
T846AA-24	1 1/2 in 38.1 mm	2.15 in 54.6 mm	1310 psi	20 in 500 mm	-40 to 212 °F -40 to 100 °C
T846AA-32	2 in 50.8 mm	2.65 in 67.4 mm	1160 psi	25 in 630 mm	-40 to 212 °F -40 to 100 °C
T841AA-40	2 1/2 in 63.5 mm	3.27 in 83 mm	1000 psi	30 in 760 mm	-40 to 212 °F -40 to 100 °C
T841AA-48	3 in 76.2 mm	3.78 in 96 mm	800 psi	35 in 900 mm	-40 to 212 °F -40 to 100 °C